

Additional file 2: Table S1: Categorical Cumulative Exposures and Underlying Cause of Death

Cumulative Exposure to **Total Volatile Organic Compounds** (TVOC): PCE, TCE, DCE, VC, and benzene. (N = 154,932).
Reference group has no exposure to TVOC. Hazard Ratio, Adjusted, 10 year exposure lag.

Underlying Cause of Death	Low Exposure				Medium Exposure				High Exposure			
	HR	LCL	UCL	N	HR	LCL	UCL	N	HR	LCL	UCL	N
All cancers (N=1,078)	1.01	<i>0.85</i>	<i>1.20</i>	224	1.01	<i>0.84</i>	<i>1.20</i>	218	1.01	<i>0.85</i>	<i>1.20</i>	220
<u>Diseases of Primary Interest</u>												
Underlying Cause of Death	Low Exposure				Medium Exposure				High Exposure			
	HR	LCL	UCL	N	HR	LCL	UCL	N	HR	LCL	UCL	N
Kidney Cancer (N=42)	1.42	<i>0.58</i>	<i>3.47</i>	10	1.44	<i>0.58</i>	<i>3.59</i>	10	1.54	<i>0.63</i>	<i>3.75</i>	11
Bladder Cancer (N=11)	0.63	<i>0.06</i>	<i>6.93</i>	1	3.33	<i>0.64</i>	<i>17.37</i>	5	1.20	<i>0.17</i>	<i>8.61</i>	2
Liver Cancer (N=51)	0.95	<i>0.43</i>	<i>2.06</i>	11	1.14	<i>0.53</i>	<i>2.44</i>	13	0.85	<i>0.37</i>	<i>1.98</i>	9
Esophageal Cancer (N=35)	1.01	<i>0.43</i>	<i>2.37</i>	9	0.51	<i>0.18</i>	<i>1.45</i>	5	0.73	<i>0.29</i>	<i>1.86</i>	7
Hematopoietic Cancers (N=165)	1.53	<i>0.99</i>	<i>2.36</i>	40	1.03	<i>0.62</i>	<i>1.70</i>	25	1.45	<i>0.91</i>	<i>2.30</i>	35
Multiple Myeloma (N=17)	2.68	<i>0.80</i>	<i>8.90</i>	8	1.36	<i>0.34</i>	<i>5.53</i>	4	0.00	<i>0.00</i>		0
Leukemia (N=66)	2.50	<i>1.24</i>	<i>5.03</i>	19	1.33	<i>0.56</i>	<i>3.14</i>	9	2.33	<i>1.08</i>	<i>5.03</i>	15
Non-Hodgkin Lymphoma (N=58)	0.87	<i>0.41</i>	<i>1.83</i>	11	0.58	<i>0.24</i>	<i>1.38</i>	7	1.15	<i>0.57</i>	<i>2.32</i>	14
Hodgkin (N=24)	0.66	<i>0.13</i>	<i>3.39</i>	2	1.77	<i>0.50</i>	<i>6.25</i>	5	2.17	<i>0.63</i>	<i>7.50</i>	6